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# SEAPAC '13

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**Registration Info:**

**Will Sheffield, N7THL**

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**registration@seapac.org**

**◀ www.seapac.org ▶**

**I want to be part of SEA-PAC '13 - Please send me:**

☐ Registration Form    ☐ By Email    ☐ By US Mail

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☐ I would like to See or Present (circle one) a Seminar on...

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**Fill out this form — Leave at the Registration Desk  
to receive information on SEA-PAC '13.**



# SEA PAC



**30th Year**

## **Northwestern Division ARRL Convention**



## **Seaside Convention Center Seaside, Oregon**

**June 1, 2 and 3, 2012**

**www.seapac.org**



**Presented by  
Oregon Tualatin Valley  
Amateur Radio Club**





# Welcome to Sea-Pac!

As we celebrate the 30th anniversary of *Sea-Pac*, we are reminded of the special contributions of many radio amateurs to the public good of our nation and the world. Hams have a history of serving their fellow citizens during disastrous and peaceful times. It is a wonderful hobby and brings people of all nations together in harmony. The ranks of amateur radio operators are again swelling. The contributions of amateur radio operators are too numerous to catalog.

As we celebrate this 30<sup>th</sup> Anniversary of *Sea-Pac*, let us continue to provide guidance and be role models to the many younger hams. The future of amateur radio is not in the hands of us "old-timers", but belongs to the youth, who will carry on with this fantastic hobby and provide many technological ideas to the world.

Perhaps the most important message today is to thank all of you who have supported *Sea-Pac* over the last 30 years. It is our hope to make *Sea-Pac* better each year and emphasize that it is the *premier Ham Convention in the Northwest*. We are proud that our attendees not only come from Oregon, but have many visitors from Washington, Idaho, Montana, Northern California, and Canada. Thank you all for your fantastic support!

Co-Sponsors of *Sea-Pac* include the Clark County Amateur Radio Club, Hoodview Amateur Radio Club, and Sunset Empire Amateur Radio Club.

HAPPY ANNIVERSARY *Sea-Pac*!!!!



Oregon Tualatin Valley Amateur Radio Club  
*Sea-Pac* Convention Sponsoring Club

# COMMITTEES

## EXECUTIVE COMMITTEE

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### Vice Chairmen

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*Wayne Schuler, AI9Q*

*Darwin Durr, K7PSD*

### BANQUET MC

*Everett Curry, W6ABM*

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*Al Berg, W7SIC*

### EXHIBITORS

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*Ann Boyd*

*Scott Adams, KB8PRS*

*Tia Adams*

*Charles Mickley, Jr.*

*Molly Mickley*

*Jenny Dominguez*

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*Cindy Kenyon, KC7UJD*

*Ivan Looock, N7PRM*

*Ken Woolston, KE7OSO*

*Kathy McClanahan, N7YBN*

*Richard McClanahan,*

*KC7GBU*

*Geoff Apgar, W7JEZ*

*Bill Morris, W7IH*

*Steve Tarr, KD7MRX*

*Steve Brice, NA7T*

*Wes Allen, L7WWG*

*Steve Coan, KA7MOW*

*Mike Williams, N7RDV*

## FLEA MARKET

*Lynn Hurd, WB7UNU*

*Tom Hill, WA3RMX*

*Jack Smithson, KA7HOJ*

## MAILER & BOOKLET

*Gary Takis, K7GJT*

*Wayne Schuler, AI9Q*

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*Al Berg, W7SIC*

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*Mel Sutton, KB7PVW*

*Everett Curry, W6ABM*

*Mike Durr, KA7PWZ*

*Bob Recny, N8SQT*

*Jim Schaeffer, KB7ADH*

*Melissa Nelson, KF7JIK*

*Warren Winner, W7JDT*

*Linda Sutton, KC7YTD*

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*Will Sheffield, N7THL*

*Mary Berg, N7TRW*

*Jerry Sheffield, KC7EKT*

*Kathy George, KC7USE*

## SEMINARS

*Hoodview A.R.C.*

*Ed Chulow, N7TL*

*Richard Bemey, KE7AOA*

*George Dover, W7GEO*

*Mike Magnuson, N7ETA*

*Mike Perry, KF7KXV*

## SECURITY

*Clark County A.R.C.*

*Bruce Bullis, KG6CI*

*Eric Keerbs, AD7HM*

## TALK-IN STATION

*STARS (Seaside) and Sunset*

*Empire (Astoria) A.R.C.*

*Robin Knoll, KN0LL*

*Pat Love, KE7RBM*

*Albert Wood, KE7OUE*

*Vanessa Volland, N7ESS*

*Bill Love, KF7SHI*

## TREASURER

*Linda Sutton, KC7YTD*

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*Tony Mayernik K7AKM*

*Raul Gonzalez, N7BAR*

*Claire Johnson, N7CM*

*Ernie Johnson, K7EAJ*

*Kathleen Haupt, KE7EVV*

*Fruce Maxwell, N5GB*

*Rich Morgan, KD7GIE*

*John Bucsek, KE7WNB*

## WEB SITE

*Rox Heath, AD7RX*

*Bob Heath, KD7OHF*

## OTVARC LIAISON

*Herb Hirst, K7HLH*



*Please express your appreciation to these dedicated volunteers,*

*They made Sea-Pac 2012 possible.*

*Committee Chairs & Co-Chairs are listed above in italics.*



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### V.E. TEST SESSION

*Testing at Our Savior's Lutheran Church—East Parish Hall  
(North—across the street from the Convention Center)*

*One Session—Saturday at 9 AM*

*Pre-registration requested. Walk-ins — Space Available*





## Sea-Pac WELCOMES OUR ARRL GUESTS

**Jim Fenstermaker, K9JF, ARRL Northwest Division Director** has served as ARRL Northwestern Division as its Director for seven years. Previously he served as the NWD Vice-Director for six years. During this time, Jim was appointed to the ARRL Administration and Finance Committee for six years including three years as committee chairperson. Other assignments on the ARRL Board of Directors include service on the Programs and Services Committee, and the Legislative Action Committee. Currently, he is serving on the Executive Committee and is currently a Board member on the ARRL Foundation. Jim also was a member of the Boy Scout Committee.



Prior to his ARRL service, Jim was president of the Clark County (WA) Amateur Radio Club and Willamette Valley DX Club. He founded the Greater Milwaukee (WI) DX Club. Jim and Shirley, W7SAF, have been residents of the Pacific Northwest for nearly 30 years after moving here from the Midwest. Jim is an active DX'er holding #1 DXCC Honor Roll with all of the DXCC Entities worked and confirmed (368 DXCC entities confirmed) as well as a 9-band DXCC award (160-10 meters). He participates in DX Contests as a "hired gun" from large contest stations around the Northwest and other locations. His latest endeavor to contact and confirm all US counties (all 3,077) and completed this effort in 2011.

Jim and Shirley have eased into retirement and being a CPA, Jim does some part-time consulting.

**Grant Hopper, KB7WSD, ARRL Northwestern Division Vice-Director** is a past president and current director of the Snohomish County Hams Club in Snohomish County, Washington, as well as the club's Education Program Coordinator and a license class instructor. He has served as an ARRL Volunteer Council for Washington State since 2004 and written several articles on amateur radio issues and the law. Grant serves as the City of Everett, Office of Emergency Management's "Radio Officer", the head of the City's ACS program and works closely with the community CERT program. In addition to his private law practice, Grant is a professor at Edmonds Community College, teaching legal courses. Prior to becoming an attorney, he spent over ten years in law enforcement (police officer and deputy) and was a volunteer fire fighter. When he has a chance to take break from work and other responsibilities, he is an avid fox-hunter and enjoys designing and building amateur and other electronic gear. You might hear him on the air on mini DXpeditions when he activates northwest islands for the US Islands and IOTA program with fellow club members. Grant is married to Vickie Hopper, KD7LAW, and lives and works in Everett, Washington.



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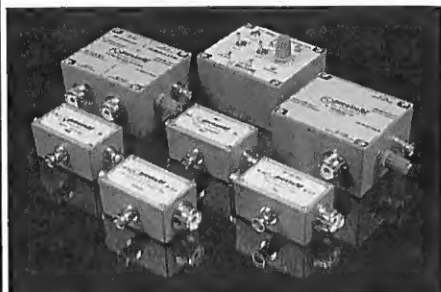
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# SCHEDULE OF EVENTS

## Friday, June 1

Friday Workshop ( <i>Shilo Inn</i> )	9:00 AM – 5:00 PM
Registration	11:00 AM – 8:00 PM
Exhibitor & Flea Market ( <i>Setup Only</i> )	11:00 AM – 8:00 PM
Friday Workshop Lunch ( <i>Shilo Inn</i> )	12:00 AM
Spaghetti Dinner (Community Center)	5:00 PM – 8:00 PM

## Saturday, June 2

Exhibitor/Flea Market Set-Up	7:30 AM – 9:00 AM
Registration	8:00 AM – 4:30 PM
VE Exams ( <i>Our Saviour's Church E. Parish Hall</i> )	9:00 AM – Noon
Exhibits & Flea Market Open	9:00 AM – 4:30 PM
Snack Bar ( <i>Convention Center</i> )	9:00 AM – 4:30 PM
Seminars ( <i>Convention Center</i> )	10:00 AM – 5:00 PM
Hourly Prizes	10:00 AM – 3:00 PM
DX Luncheon ( <i>Shilo Inn</i> )	11:30 AM – 12:45 PM
YLRL Luncheon ( <i>Shilo Inn</i> )	11:30 AM – 12:45 PM
ARRL Forum (Seaside A&B)	1:00 PM – 2:15PM
Special <i>Sea-Pac</i> Prizes	2:30 PM
Pre-Banquet Happy Hour ( <i>Convention Center</i> )	6:30 PM – 7:15 PM
<i>Sea-Pac</i> Banquet ( <i>Convention Center</i> )	7:15 PM – 9:30 PM

## Sunday, June 3

Registration	8:30 AM – 12:00 PM
Exhibits & Flea Market Open	9:00 AM – 1:00 PM
Hourly Prizes	9:00 AM – 11:00 PM
Snack Bar	9:30 AM – 12:30 PM
Special <i>Sea-Pac</i> Prizes	10:30 AM
<i>Sea-Pac</i> Prizes	1:00 PM
Convention Closes	2:00 PM



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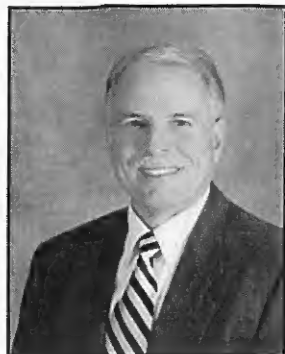
## Rick Roderick, K5UR ARRL First Vice President

### DX Special Interest Group Luncheon Speaker

*"The DXCC Program: Past - Present - Future."*

*The most coveted and prestigious ham radio award in the world!"*

Rick Roderick, K5UR, ARRL First Vice President lives north of Little Rock, Arkansas on a 50 acre hill-top QTH. He has worked 370 countries, including 314 countries on 160 meters, 351 countries on 80 meters, 353 countries on 40 meters, and 152 countries on 6 meters. He holds DXCC on 10 bands and is ranked 5th in the world on the DXCC Challenge Award. He holds over 20 different Worked All Zones Awards, and was one of the first to achieve Worked All Zones on 160 meters.



On VHF/UHF, he's held many operating and achievement records over the years, including the world distance record for QSO's on 2 meters meteor scatter and 222 MHz tropo. He was one of the first to work all continental 48 states on 2 meters without the use of moonbounce, 47 states in one year. He is second in the world on 6 meters VUCC and first in the world on VUCC for 2 meters, 222 MHz, 432 MHz, and 1296 MHz for non-EME. He received the Fred Fish Memorial Award #3 for having worked all grid squares in the United States on 6 meters.

He's held numerous HF and VHF/UHF national contest records.

All of that from 5 land!

He's been a ham for 44 years. He's a Life Member of the ARRL and has held numerous ARRL volunteer positions continuously for all of those 44 plus years. He served on the ARRL DX Advisory Committee and was chairman for many years. He has also served on CQ Magazine's DX Advisory Committee for 40 years. He was instrumental in the creation and implementation of Logbook of the World, and the DXCC Challenge Award. He has been on the ARRL Board of Directors for 20 years and currently serves as ARRL First Vice President.

He loves ham radio!!!!

## Douglas Dunn K7YD Montana Section Manager

I became interested in radio and communications when I was very young. I always wanted to get into the hobby and learn it well, so one day when I was home sick from school, I decided it was a great time to work on the Morse Code. So, it was up from there. In those days, it all seemed to stick in my mind. I learned it and got my ticket in a short time. The interest I had in electronics helped to secure my career at Pacific Northwest Bell when I was out of High School. For a couple years, I was stationed in the Philippines doing electronics maintenance and operations for the MARS program from the local station, NORSN. I was transferred to Mountain Bell in late 1980 until retirement was offered to me in 1995. I became the Montana Section Manager in 2002 and have truly enjoyed the position. I love being given the opportunity to travel across the great state of Montana meeting our membership and learning more about our ham family here in the northern Rockies.



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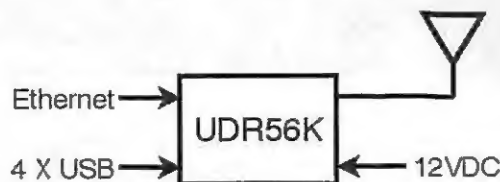


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## Bonnie Altus AB7ZQ Oregon Section Manager



I am preparing to begin my fourth two-year term as Oregon's ARRL Section Manager on July 1, 2012. Prior to becoming Section Manager, I was President of the McMinnville Amateur Radio Club for two years in 2000-2001 and the District 1 Net Manger for three years around that same time. I also served briefly as the District 4 Net Manager. I was an AEC for Yamhill County ARES for about three years. In January 2006 I took over as the EC. I gave up that position after becoming Section Manager.

I am currently employed part-time at the Oregon State Hospital in the Standards and Compliance Department. I also teach college classes online and in the classroom as an adjunct instructor. I am teaching both online and in the classroom at Oregon Institute of Technology, Portland Campus and online with Clark College, Vancouver Washington, both in the Health Informatics programs. I work part-time with the virtual lab component of the graduate health information management program at Oregon Health and Sciences University.

## Holly Roderick

### YLRL Luncheon Speaker

*"What it's like living with a ham radio operator that's over the top! The wonderful world of Amateur Radio. Something for everyone, even the non-ham!"*



Holly Roderick lives outside of Little Rock, Arkansas on a 50 acre antenna farm with her husband of 37 years, Rick, K5UR. Holly has been involved in ham radio for over 40 years. In fact, her first date with Rick was at the University of Arkansas club station, W5YM. The definition of a passionate ham was made for Rick, who is world known for his operating activities and accomplishments. He is currently First Vice President of the ARRL. She has attended hamfests, banquets and club meetings across the country. She can often be found behind the booth at

ARRL conventions they attend selling publications and books, answering questions, and attending ARRL forums. If not behind the booth, she might be in the flea market behind a table of equipment. She has been involved in a little bit of everything in ham radio. Holly also helps build and install antennas and towers, and has even been known to climb a few towers, as well. Through Amateur Radio, she has friends all over the world.

Holly is passionate about Amateur Radio. She shares her husband's view that Amateur Radio is the best hobby in the world! Interestingly, she is not a ham, but as she puts it, "You don't have to have a license to love this great hobby. There is something in it to stir everyone's passion. We're all in this together to make this wonderful hobby even better."

Holly holds a BSE with emphasis in severely disabled children and a Masters in Learning Disabilities from the University of Arkansas. She has been involved in the public schools in a wide range of areas for 28 years. After her retirement, Holly went into the retail business and is currently manager of a gift shop.

## The 5th Annual STARS/SEARC

### All You Can Eat Spaghetti Dinner

Everyone Welcome

Friday, June 1, 2012 from 5 p.m. to 8:00 p.m.

Bob Chisholm Center, 1225 Avenue A, Seaside, OR

Adults \$8

Children 7-12 \$6

\$1 off admission with proof of Ham license or Sea-Pac Registration.



# BANQUET



*Sea-Pac is very pleased to welcome*



**Dr. Michael Barratt, MD, MS, NASA Astronaut**

*"Living in the Ultimate Ham Platform"*



Selected as a mission specialist by NASA in July 2000, Dr. Barratt, KD5MIJ, reported for training in August 2000. Following the completion of 2 years of training and evaluation, he was assigned technical duties in the Astronaut Office Station Operations Branch.

Assigned to long duration flight training in 2005, Dr. Barratt launched on Soyuz TMA-14 on March 26, 2009 to the International Space Station and served as a member of Expeditions 19 and 20. This time period included the transition from three to six

permanent ISS crewmembers, two EVAs, two visiting Space Shuttles, and arrival of the first Japanese HTV. Completing 199 days in space, Dr. Barratt landed on October 11, 2009.

STS-133 (February 24 - March 9, 2011) was the 39th and final mission for Space Shuttle Discovery. During the 13-day flight, the Discovery crew delivered the Permanent Multipurpose Module (PMM) and the fourth Express Logistics Carrier (ELC) to the ISS. The mission's two space walks assisted in outfitting the truss of the station and completed a variety of other tasks designed to upgrade station systems. The mission was accomplished in 202 Earth orbits, traveling 5.3 million miles in 307 hours and 3 minutes.

Dr. Barratt's presentation promises to be a very interesting inside look at the Space Shuttle program. Be sure to not miss this rare opportunity to hear an Astronaut speak.

*Master of Ceremonies: Everett Curry W6ABM*

**DON'T MISS THIS EVENT!**

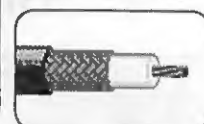
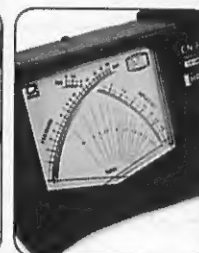
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# SEMINARS

3:00PM

Seaside C

Learn how N7QMT and AC7NB mapped repeater coverage using a computer with log software, GPS, a radio, and a signal strength circuit between the radio and the computer. We logged signal strength automatically while we drove around the area. We mapped the points and created signal strength contours.

Measure and Map Repeater Coverage

Delvin Bunton N7QMT

3:00PM

Riverview A

Winlink 2000 a 12 year old amateur radio service that allows hams to receive and send e-mail when out of range of internet access point. A favorite of RVer's boaters and EM units during emergencies, all you need is a valid amateur radio license to join free. Access is available on HF and VHF and is handy when your internet server is down. Winmor is a sound card software for HF-ARQ operation similar to Facter that is downloadable for either peer to peer use or accessing the many worldwide Winlink HF servers without needing a pricey terminal unit. ARES/RACES members that have not been exposed this should take this in.

Winlink 2000 & Winmor

Scott Scheirman AD7XV

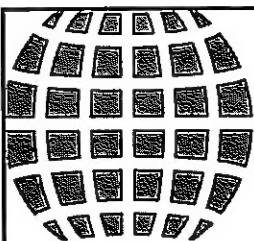
3:00PM

Riverview C

An interactive session on radio regulation and compliance issues affecting ham radio stations and operators. Find out how the FCC does things. Phil Kane, K2ASP, was licensed and active as a ham for 60 years. Experienced communications attorney and engineer, retired District Director of FCC San Francisco field office, and currently General Counsel and Engineering Manager for a well-respected communications consulting engineering firm.

Ham Radio Legal Forum

Phil Kane, K2ASP



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## RAGS Country Store

As a service to flea market buyers the RAGS (*Radio Amateurs of the Gorge*) club provides a testing center for equipment. Power supply, voltmeter, service monitor, oscilloscope and freq counter are a part of our testing ability. Check out what you are considering buying. Have a piece of gear to sell? We consign for you and at a reasonable charge. Neither RAGS nor *Sea-Pac* can accept responsibility for the condition of any equipment nor can be held responsible for any damage as a result of use of test gear. As an additional service to the Amateur Radio Community, RAGS also provides a Country Store where rigs and other equipment will be displayed for sale. Remember, your boat anchor is someone else's dream machine!

# EXHIBITORS

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AMP-3

Antenna E-Z Lifter

ARCOM

ARRL

Badge Boys

Battery Tech Inc

Bell Electronics NW

Buddipole Antennas

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Rescue Tape NW

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Sunset Empire ARC

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STARS (Seaside Tsunami ARS)

Tigertronics

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Western Case Company

West Mountain Radio

Wired Communications

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Due to publication deadlines we apologize for any changes or omissions.

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# SEMINARS

**11:30 AM** **Repeaters, What Are They & How Do you Build Use & Maintain One?**  
**RIVERVIEW B** **Mark Walker W7CLU**

There will be a working repeater and other equipment for live demonstration. Mark, W7CLU has been a ham since he was 9 and has been involved in many aspects of the hobby since then. As an active board member and past president of the Amateur Radio Relay Group he has had the opportunity to work on a number of different repeater systems at sites around the state of Oregon.

**1:00PM** **Planning and Organizing a Ham Education Event**  
**Seaside C** **Delvin Bunton N7QMT**

Learn how to plan and organize a ham education event in your area. The presenter has organized over ten half day or longer events with multiple presenters in Clark County, WA, and you can do this, too.

**1:00PM** **Working FM Satellites With a Handheld**  
**Riverview A** **Daron Wilson N7HQ**

Join the fun working FM satellite 'repeaters' with simple and inexpensive equipment. An overview of satellite orbits, computerized tracking programs, homemade and commercial antennas and operating techniques. With a simple homebuilt tape measure Yagi and a dual band handheld, you can make contacts hundreds of miles away via satellite.

**1:00PM** **How to Beat the Morse Code**  
**Riverview B** **Bill Balzarini KL7BB**  
Learn how to listen ahead, write behind, while building a CW buffer.

**1:00PM** **Home-Brewing Things You Never Thought You Would or Could Do!**  
**Riverview C** **Phil Westover WA7URV**

It's all about learning; the journey, rather than the destination. Phil will put you on the road building by showing how to prepare, what tools to acquire, what skills to master and what materials to accumulate. He will show examples of projects from "the book", a station-in-a-box, a power supply project in progress and his home station. Kit building will be discussed, what you can learn and what is commonly available especially QRP equipment and what test equipment you should acquire.

**1:15 PM** **ARRL FORUM**  
**SEASIDE A&B** **Jim Fenstermaker K9JF, ARRL Northwestern Division Director**  
**Grant Hopper KB7WSD, ARRL Northwestern Division Vice-Dir.**  
**Rick Roderick K5UR, ARRL First Vice-President**

An opportunity to meet Jim, Grant and Rick and find out what the ARRL has planned for the future as well as an opportunity to express your thoughts and opinions on policy and direction.

**3:00PM** **Quick-Deployment Antennas for EmComm or Field Day**  
**Seaside A&B** **Chip Margelli K7JA**

Here on the West Coast, we live in an area prone to natural disasters of all kinds, including earthquakes, tsunamis, volcano eruptions, and hurricane-force winds. Every radio amateur needs to have the knowledge, and do the preparation, in order to be able to assemble an antenna system—quickly—that will allow first-response communications to reach those who can assist.

*Due to publication deadlines we apologize for any changes or omissions.*



# SEMINARS

**SATURDAY SEMINARS 10:00 AM - 5:00 PM**

**10:00 AM  
SEASIDE A&B**

**Oregon ARES/RACES PROGRESS & PLANS  
Vincent Van Der Hyde K7VV**

What is ARES/RACES in Oregon? What's the "Mission" that we perform? What's the plan for the next few years? We'll touch on these and other ARES/RACES issues and events. Bring your questions, and we'll try and answer them. Vince, K7VV is currently the Oregon Section Emergency Coordinator and former ARES/RACES Emergency Coordinator for the Oregon Emergency Management Amateur Radio Unit and is an avid DX'er.

**10:00 AM  
Seaside C**

**Getting High on Mountains and Ham Radio  
Dan Smith KK7DS**

Dan will introduce the "Summits On The Air (SOTA)" program, a relatively new contest phenomenon that has amateur operators heading to the hills with their radios. The presentation will discuss how to identify qualified summits, activate them according to the rules, and report the results for credit. It will also discuss the important "chaser" role, which is the other half of the growing community. He will show the radio and expedition gear he uses to conquer these high grounds. Whether you are a "Shack Sloth" or a "Mountain Hunter," there is something for you in the SOTA world — come hear how you can fit in and have some fun!

**10:00 AM  
RIVERVIEW A**

**Fat pipes for EmComm and Fun (aka HSMM-Mesh 101)  
Scott Scheirman AD7XV**

HSMM-Mesh can provide an amateur radio data link thousands of times faster than conventional packet, Pactor, RTTY, or other digital modes. Participants will learn the basics of HSMM-Mesh, how they can use it, and see live demos. Plenty of time for Q&A

**10:00 AM  
RIVERVIEW B**

**NVIS Antennas for Emergency Comm.  
Bill Balzarini KL7BB**

NVIS, the signals that leap tall mountains at a single bound. Bill will show you how to select the frequencies and develop antennas to exploit this effective communication mode for mountainous regions like the Pacific Northwest. A good one for those new to ham radio and/or into ARES.

**11:30 AM  
SEASIDE A&B**

**Suitcase Dxing III  
Budd Drummond W3FF  
Chris Drummond W6HFP**

Chris and Budd are already into a bunch of new products and finishing up a three different Caribbean country portable operation. Count on this to be a very absorbing presentation.

**11:30 AM  
RIVERVIEW A**

**Sending a Message via Amateur Relay  
Kristin Tomson K7KWT**

This NTS class is geared toward the very new ham or those interested in learning the National Traffic System of passing messages over the air. It is designed to be interactive and cover in an hour such topics as: repeaters, frequencies, Net Control, call signs, check-ins, dictation and messages using various layouts. Kristin Tomson has been an amateur radio operator for four years. She holds a General Class ticket and enjoys welcoming new hams into the world of amateur radio. She is Net Control Station (NCS) for a traffic net (NTTN), the District 1 net and her local ARES net.

# PRIZES

**ALL PRIZES SUBJECT TO CHANGE**

**Sunday, 1:00 - 2:00 pm**



*Need not be present to win*

**Alaska Cruise**

**Icom IC-7410 HF/6M Transceiver  
Station**

**Icom IC-2300H VHF Mobile**

**Alinco DJ-G7T Tri-Band HT**

**Icom IC-T70A Dual Band HT**

**Kenwood TH-F6A Tri-Band HT**

**Yaesu FT-857D HF/VHF/UHF  
Mobile**

**Yaesu FT-7900R Dual Band Mobile  
Kenwood TH-D72A Dual Band HT**

**Early Bird Prize**

Registration postmarked by April 15, 2012

**Yaesu FTM-350AR Dual Band Mobile  
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Will Sheffield/N7THL, Wayne Schuler/AI9Q,  
Darwin Durr/K7PSD, Al Berg/W7SIC

Sea-Pac the Northwestern Division ARRL  
Convention, is sponsored by the Oregon Tualatin  
Valley Amateur Radio Club.

*Sea-Pac co-Sponsors include Clark County Amateur Radio Club, Hoodview  
Amateur Radio Club, and Sunset Empire Amateur Radio Club.*

*Thanks to convention volunteers for their assistance. We invite everyone to  
enjoy themselves to the fullest and be a part of making this event a success.*

## James (Jim) D. Pace K7CEX Western Washington Section Manager



First Licensed in 1957 as KN7CEX. Upgraded in 1958 to General. Over nearly 54 years, I have been an active operator, promoting Amateur Radio and ARRL at every opportunity. I have served as a OES, DEC, SEC and ASM in Western Washington. As Section Manager, I have worked hard to strengthen Amateur Radio in Western Washington. Our ARES program is head and shoulders above other programs in the country. Our OO program is the most active in the nation,

logging several hundred hours of monitoring each month. We have developed Technical Specialist program into a Technical Assistance program, for the benefit of all Hams - new or old.

Over the past 4 years I have worked hard to develop good relationships between Western Washington Amateur Radio and our served agencies, such as: Department of Natural Resources, FEMA Region 10, Washington Emergency Management Division, Washington State Patrol and State Guard, and many others including our County Emergency Managers. I am currently serving as the Washington State RACES Officer and represent Amateur Radio on the State Emergency Communications Committee (SECC).

Last year, I formed an EmComm working group with membership from all three State MARS organizations, FEMA Region 10, State EMD and ARES, to foster a working arrangement between the organizations. This Another project, started this year, is a program to reach out to Girl/Boy Scouts and other youth organizations, encouraging interest in Amateur Radio.

I have 2 children; Tammy, who Lives in Pensacola Florida and Zach who lives in Beaverton, Oregon. I am retired but fill my time with church work, time with my children and Ham Radio.

## SEA-PAC '12 PIN

Kernan H. Bagley Jr., K7NAN, from Vancouver, WA is this years 30th Anniversary Pin Contest winner.

Be sure and pick up your 2012 pin at the registration desk. Pins from some previous conventions are also available for purchase.



## Edward Stuckey AI7H Idaho Section Manager

Ed Stuckey, AI7H, was originally licensed as KNØINT back in 1957. During the working career, he was a Naval officer for six years then an industrial engineer and project manager for Nestlé USA for 33 years principally located in the Los Angeles area. In 2004, Ed moved to Idaho and has loved every minute of it.

Ed is currently a member of Kootenai Amateur Radio Society (KARS) located in Coeur d'Alene, ID. He has been the ARRL Section Manager for Idaho for the past four years, spending oodles of time doing all the things that a SM does. Recent special attention has been focused on strengthening the emergency communications organization in the state. While not SM'ing, he is a local Elmer, getting two or three new hams established each year; and an avid home-brewer (of radio stuff), particularly interested in antenna and transmission line installation and safety. Operating activities include low-band DXing (especially 160 Meters), NTS nets, occasional contesting, and generally roaming the bands looking for a casual QSO mostly on CW.



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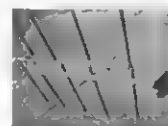
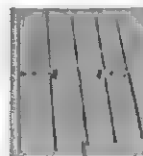
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# FRIDAY WORKSHOP

FRIDAY WORKSHOP 9:00 AM - 5:00 PM

**Sea-Pac & T.A.P.R. presents "Digital Lite"**

**"SDR Day: Topics in Software Defined Radio"**

Software Defined Radio is ubiquitous in amateur radio today. Come explore the state of the amateur SDR art with our panel of speakers. Hardware topics will include present and future openHPSDR projects, the Softrock Motherboard project as well as an in-depth look at CESDR, a ground-up design of a 60W 20M-6M SDR transceiver. Software topics will include SDR applications for Windows, Linux and Mac environments, including remote SDR operation over the Internet using Ghpsdr3 server with multiple clients. An openHPSDR demonstration is planned.

**Session 1: "SDR Hardware Projects: openHPSDR Hermes and Beyond"**

by Scotty Cowling WA2DFI

**Session 2: Embedded DSP for SDR"**

by Lyle Johnson, KK7P

**Session 3: "The Softrock Motherboard Project"**

by Dan Babcock, N4XWE

**Session 4: "Heterodyne SDR Software for the Mac and iOS"**

by Jeremy McDermond, NH6Z

**Session 5: "Ghpsdr3, Operate Your SDR Over the Internet"**

by Rob Frohne, KL7NA

**Session 6: "CESDR : The Complete Embedded Package"**

by Michael Noel, KF7KIY & Kelvin Bidwell, KB1UHM

**Session 7: "UHFSDR - 1.8 to 700 MHz transceiver"**

by David Brainerd, WB6DHW

Location: Shilo Inn, Cost: \$16.50 WORKSHOP REGISTRATION REQUIRED

*Please silence audio signals during the sessions.*

## 2012 Sea-Pac "Sea Mist" Meeting Room Schedule

### Saturday

9:00 am - 10:30 am	Oregon Section Cabinet	Bonnie Altus, AB7ZQ
10:30 am - 12:00 Noon	NTS meeting	Scott Gray, W7IZ
2:45 pm - 4:15 pm	Oregon ARES	Vince Van DerHyde, K7VV

### Sunday

10:45 am - 12:15 pm	ARRL NW Division Cabinet	Jim Fenstermaker, K9JF
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## Mark Tharp KB7HDX Eastern Washington Section Manager

I was first Licensed in 1989 after enrolling in a novice class offered by the Yakima Amateur Radio Club. I was elected to their office of vice-president in the fall of that year and elected as their president for the years 1992 thru 1997. I have served in a board level position in all subsequent years. I now hold the Amateur Extra Class license and have maintained my ARRL membership throughout my amateur career and I am a life member. I have held numerous volunteer positions including OO, OES, VE and Registered Instructor. I have held Section level positions of EC, DEC and OOC and ASM as well as holding the current position of Section Manager. My other amateur radio activities include search and rescue, ARES/RACES, contesting, repeater building, ham-festing, and Elmering. I feel it is important for amateur operators to be involved by promoting and participating in not only League activities but amateur radio as a whole. The League is the largest, strongest voice for amateur radio at the national level, but it takes all of us, working together, to maintain it.



## Chuck Mickley Memorial Scholarship Winner John Wheeler KD7YZD



Hello, my name is John David Wheeler, KD7YZD, and I am currently finishing up my freshman year at Seattle Pacific University. I received my amateur radio license in 2003, after my dad got his, and I upgraded to my General in 2007. In 2007, I also began working with Clackamas Amateur Radio Emergency Services, and started pursuing training in Incident Command and Emergency Management. Working with Emergency Communications led me to decide to major in Electrical Engineering, with the goal of working one day in Public Safety Communications, doing such things as Interoperability, Digital Radio (i.e. P25), and Communications Systems Design. While studying at Seattle Pacific, I am actively involved with Seattle Auxiliary Communications Service, and am on the leadership team for the on-campus men's ministry. I enjoy working QRP HF out of my dorm room, although it's challenging due to antenna restrictions. While home over breaks, I work part-time at Ham Radio Outlet, and love my job. I have enjoyed where amateur radio has brought me thus far, and look forward to seeing how it continues to impact my life as I move through school into a career in communications.

## Jim Larson AL7FS Alaska Section Manager



Jim Larsen, was originally licensed as WA0LPK from 1965-1985. Jim is a member of the Anchorage Amateur Radio Club (AARC) and the Elmendorf (AFB) Amateur Radio Society. Previous leadership roles included eight years as President or Vice President of AARC. He has been active as a radio operator in Shaktoolik, Alaska for the Iditarod Dog Sled Race and was the Race Communications Director in 1987. Jim is a retired Lt Col, USAF and worked for AT&T Alascom for 16 years.

He is currently a charter member on the Alaska Interoperability Communications Committee, a State of Alaska organization. He also is active with the Alaska Partnership For Infrastructure Protection. Most recently he was instrumental in placing amateur radio into the State Emergency Operations Center. As a 34 year Alaska resident, Jim has participated in HF from 160-10 meters (CW and SSB), A-1 Op, packet, PACTOR satellite, 6 meter, UHF, VHF, ATV, EME (2 meter WAS #36 from Alaska), DX, and QRP. QRP has lasted the longest and the strongest - 1970 to the present and he is a member of the Pacific Northwest QRP Group in the Seattle area.



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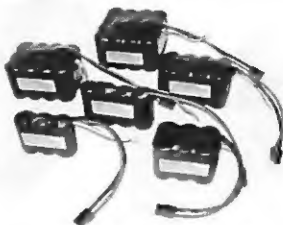
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